

BrauBeviale

SMI Hall 7A booth 503

“Smart” bottling and packaging systems incorporating Internet of Things and Industry 4.0 technology

Compact rotary combi

SMI will be presenting its latest range of ‘smart’ machines, including the new EBS K Ergon rotary stretch-blow moulders and the EcoBloc K Ergon integrated systems. SMI says that these machines are compact, ergonomic, eco-friendly machines can be installed even on small bottling plants. An example of the new EBS K Ergon range will be also showcased at the Brau Beviale exhibition.



The EBS K Ergon stretch-blow moulder is available in 2, 3 and 4-cavity versions. It is claimed to offer the advantages of rotary technology in a speed range (from 1,000 to 9,000 bph) that is traditionally served by linear stretch-blow moulders.

The machine’s compact dimensions have been achieved by integrating the preform heating and

stretch-blow moulding sections within a single, modular structure. It incorporates Internet of Things connective technology, making it suitable for Industry 4.0 “smart” operation and features a completely electronic production process, with a transmission system that uses brushless motors equipped with integrated digital servo-drivers. SMI says that users will benefit from low operating costs and low



beviale-moscow.com

Global solutions.

Local success.

Member of the **Beviale Family**

Welcome to a market on the rise!

Highly attractive in presenting the latest beverage technology for the industry, Beviale Moscow also focuses on education, packaging, liquid processing, marketing, and raw materials, offering important networking opportunities in a constantly growing market. Be part of it!

Inquiries/Learn more:

T +49 9 11 86 06-86 84 | beviale-moscow@nuernbergmesse.de

BevialeMoscow2019

Trade fair for beverage production.
Beer | Juices | Water | Wine | Spirits | Dairy
Crocus Expo, Moscow, Russia | 19- 21 February

NÜRNBERG MESSE

energy consumption, as well as an eco-friendly process.

The stretch-blow moulding carousel is equipped with motorised stretch rods, controlled by electronic drives which do not require mechanical cams. This arrangement is designed to deliver precise control of the path of the stretch rod, significant energy savings and require less maintenance. The stretch-blow moulding system uses high-performance, low-dead volume valves, which help to reduce pre-blowing and blowing times, improve machine efficiency and boost product quality.

SMI describes its Ecobloc Ergon K series as an ultra-compact system for stretch-blow moulding, filling and capping PET containers up to 3l. It uses the same rotary technology and is suitable for production requirements from 1,000 to 9,000 bph. The EV models are designed to be suitable for milk and still water bottling lines; the EV versions are intended for edible oils.

The Ecobloc version does not require rinser and the conveyor belts between the stretch-blow moulder and the filler. Electronic control and flow meter-controlled high-efficiency valves are designed to provide a precise and fast filling and capping process. False bottles integrated in the valve itself contributes to reduced preparation and cleaning time. The newly designed, unwelded modular frame incorporates safety doors made of tempered, highly resistant, long-lasting glass. SMI says that the "combi" solution of the Ecobloc Ergon K Series offers attractive value for money and is an innovative solution for even small bottling lines.

www.smigroup.it



Everything and more... cooperating together

global solutions for containers in PET and other plastic materials

IPC
innovation plastic container
Design, industrialization, blow molds
& prototype sampling for PET containers

IPC S.r.l.
www.ipcsolution.it

LANFRANCHI

Design, construction & installation of:
• Systems for handling & storing all types of plastic containers
• Linear blow molders for PET bottles

LANFRANCHI S.r.l.
www.lanfranchi.it



LANFRANCHI
group

Via Scodoncello n° 41/E - 43044 Collecchio (PR) - Italy - Tel.: +39 0521 541011